



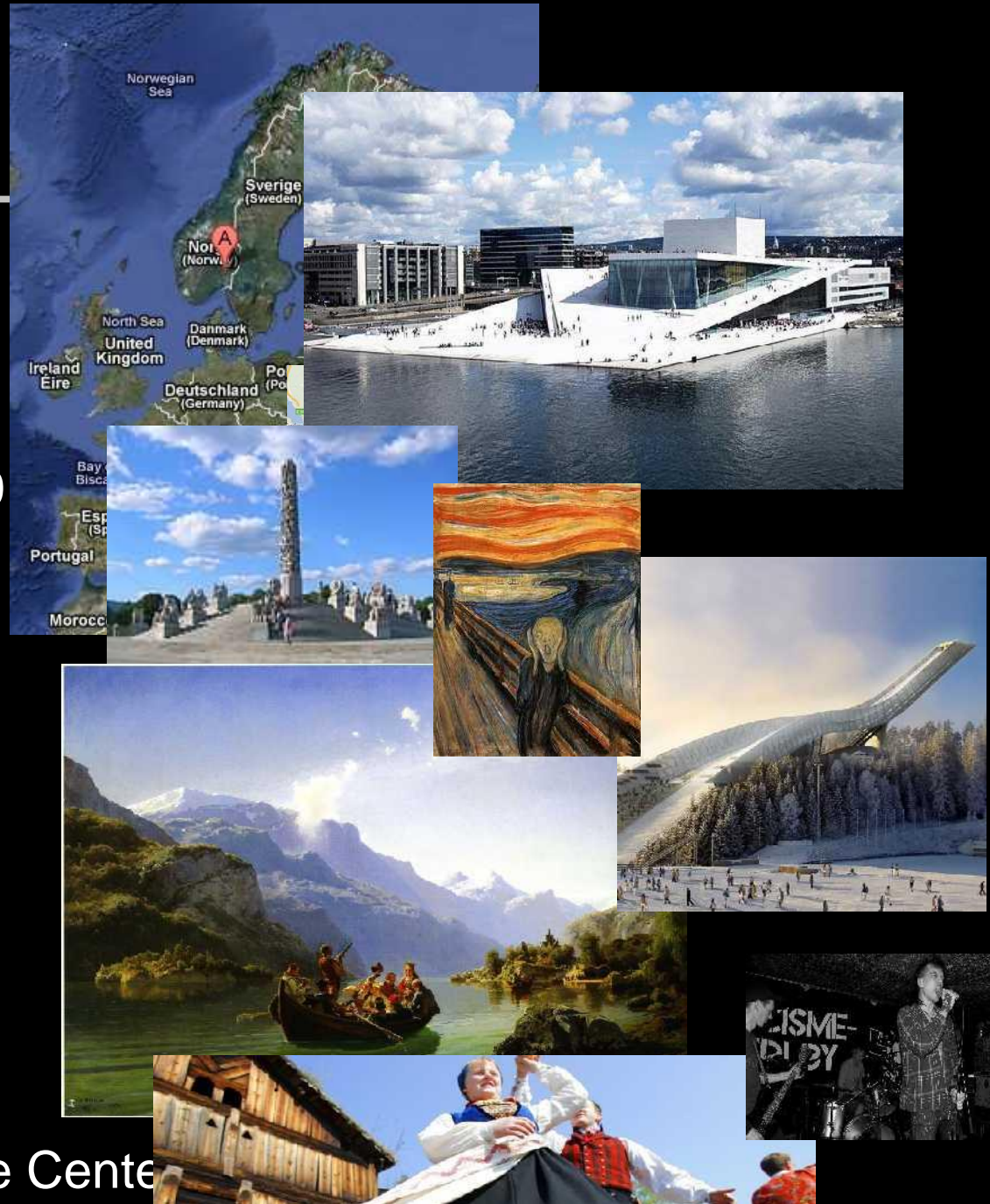
Where is the music in Semantics?



Robert H.P. Engels
robert.engels@esis.no

The Quest

- Oslo Municipality
 - Capital of Norway
 - Population 600.000
 - Oslo Fjord
- Cultural places
 - Oslo Opera
 - Vigelandsparken
 - Munch Museum
 - Holmenkollen
 - National Gallery
 - > Music Experience Center





SCHOUS KULTURBRYGGERI



POPSENTERET

- musikkopplevelser for alle

ØVINGSHOTELLET

- med 50 rom for band, solister og kor - øving og preproduksjon døgnet rundt - året rundt

RIKSSCENEN

- for nasjonal og internasjonal folkemusikk, joik og folkedans

UTESTED

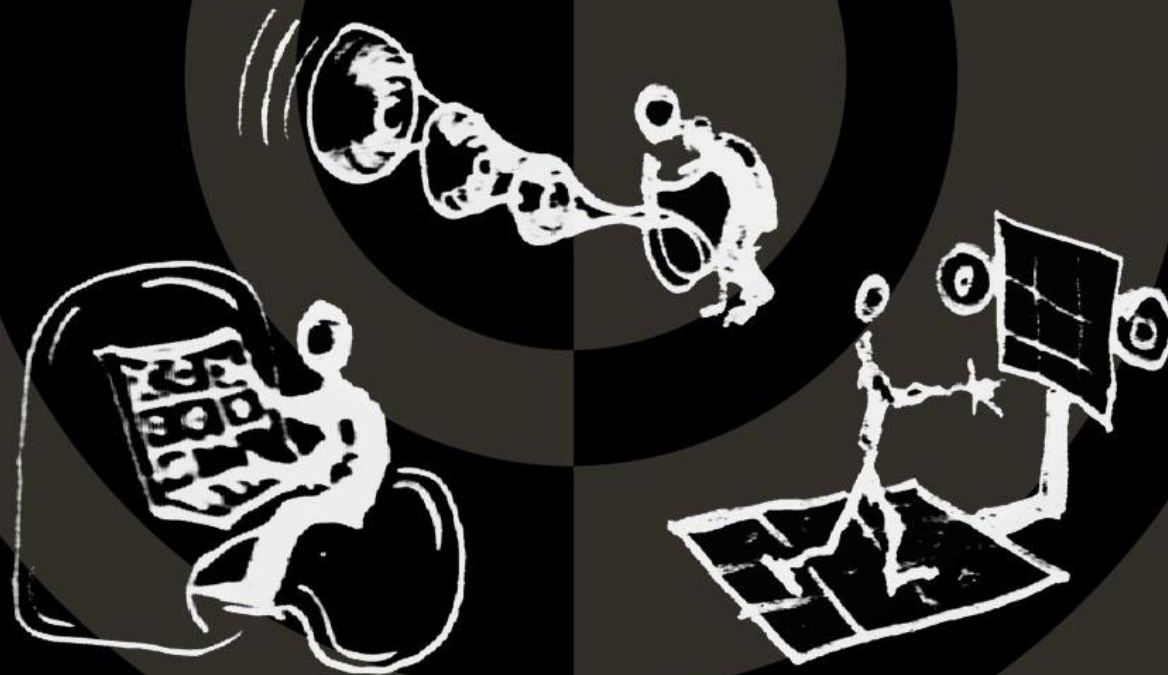
- med uteservering og livscene

KULTURSTASJON

- musikk, dans, teater og visuelle kunsthøgskole for barn og unge - og alle!

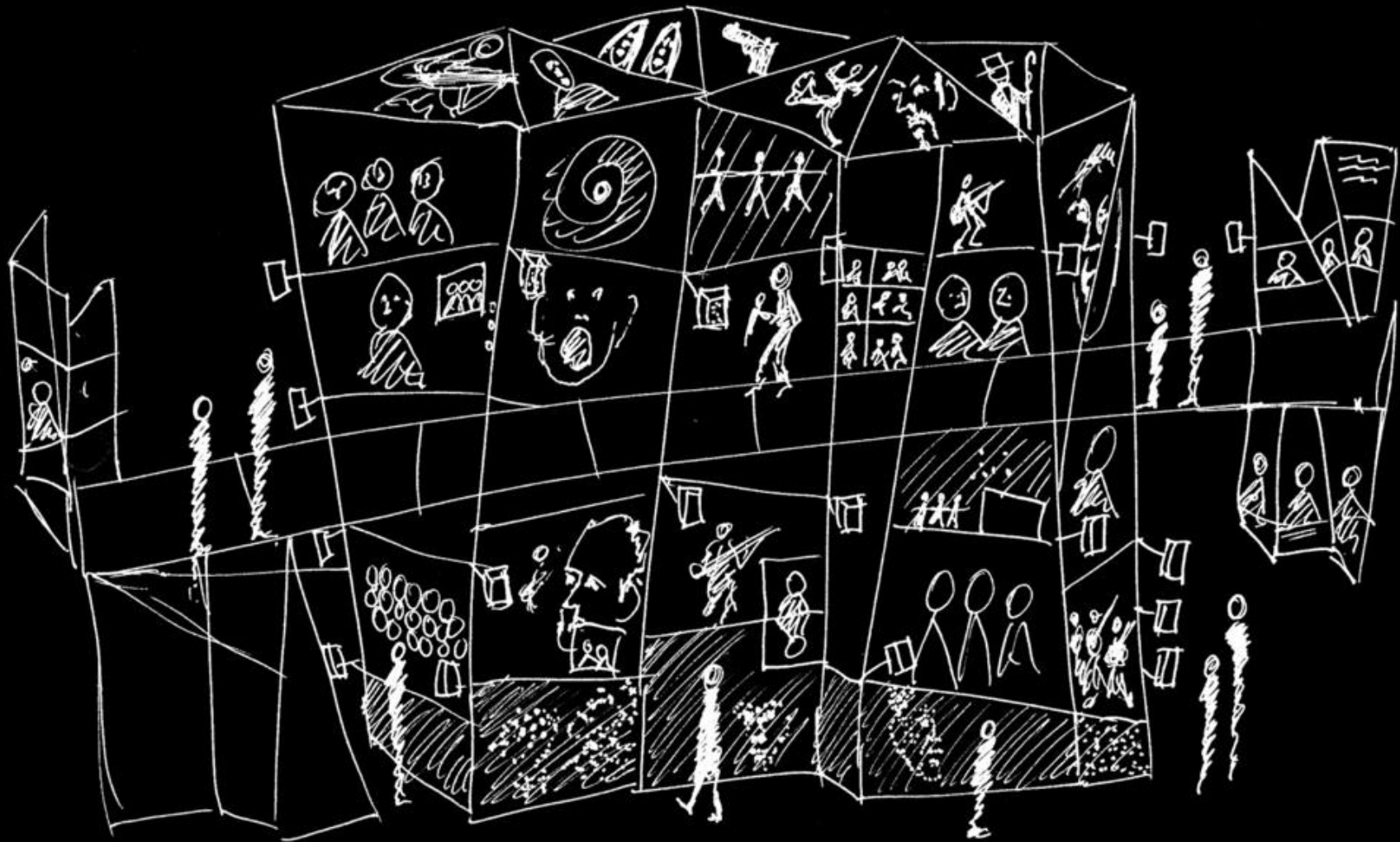
CHILDRENS ROOM

LISTEN, PLAY AND LEARN



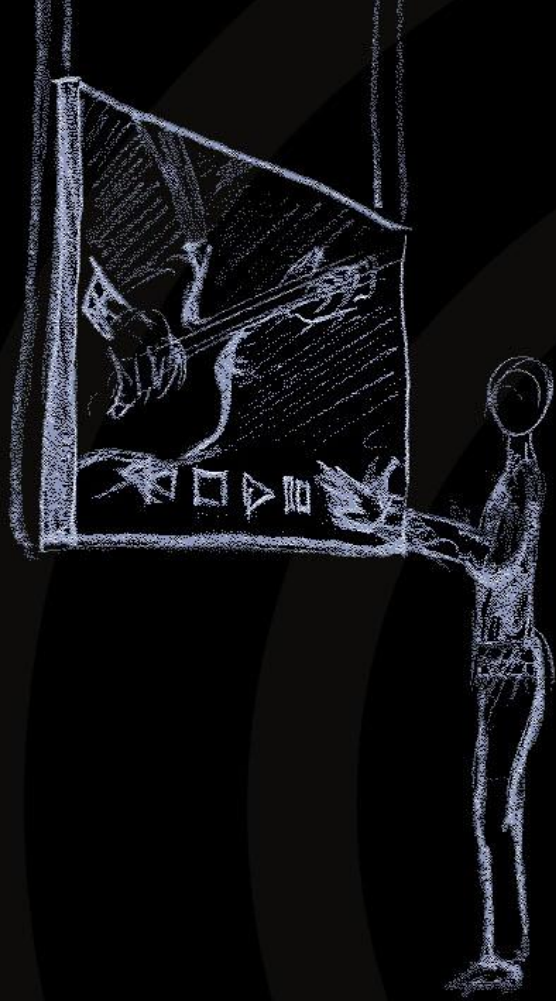
MUSIC HISTORY

TECHNICAL DEVELOPMENT



KNOWN ARTIST

SOCIETAL DEVELOPMENTS



opds gelbes (er)

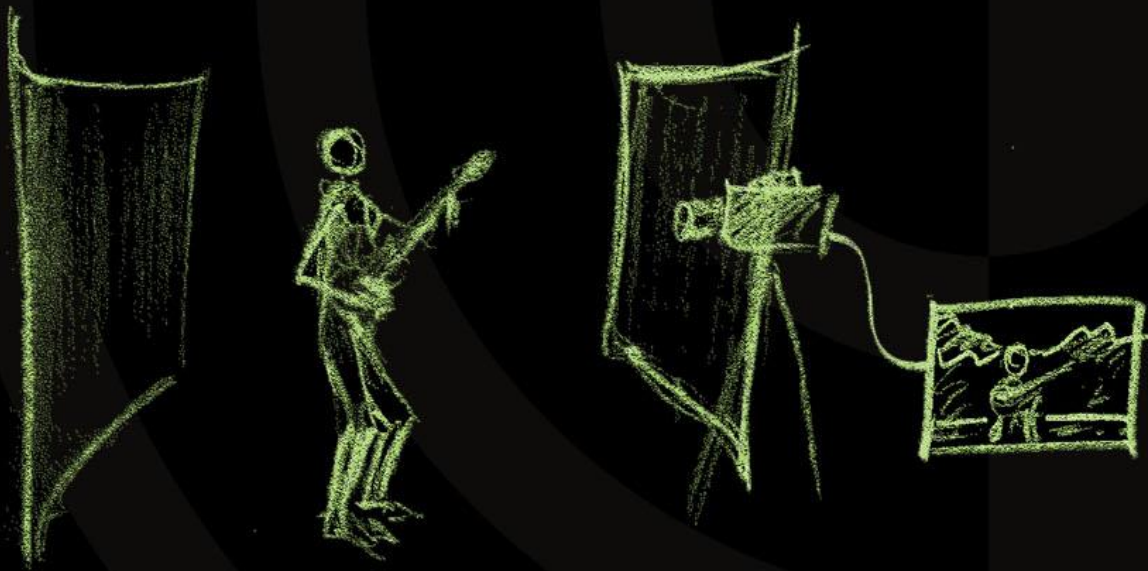
**A place for pure entertainment
and a travel into the world of popular musics world.....**



ego egg

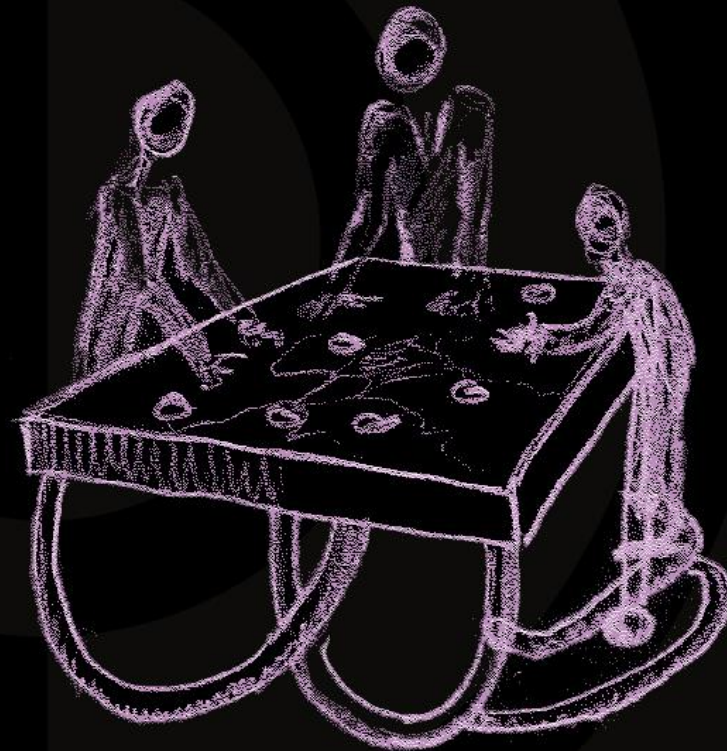
**...a place to take a
deep dive**

... learn & play selv



pop stjerne

**...a place where you can take your
children and their grand parents**



Sosil Goro

Common data models

digitised physical objects



still image



textual documents



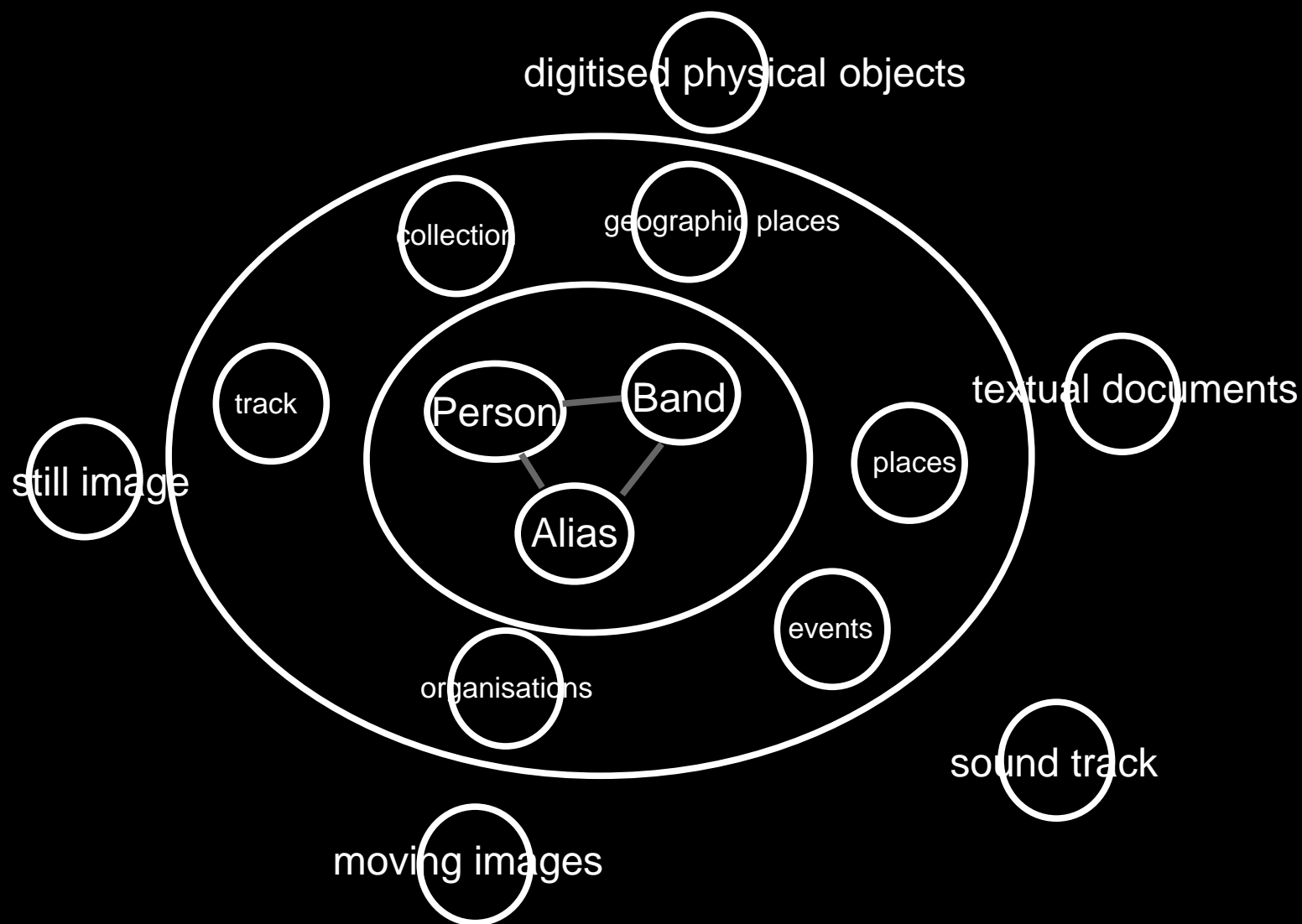
moving images



sound track



Popsenter data model



3 - DISTRIBUTION / PUBLICATION LAYER

2 - METADATA LAYER

1 - ASSETS

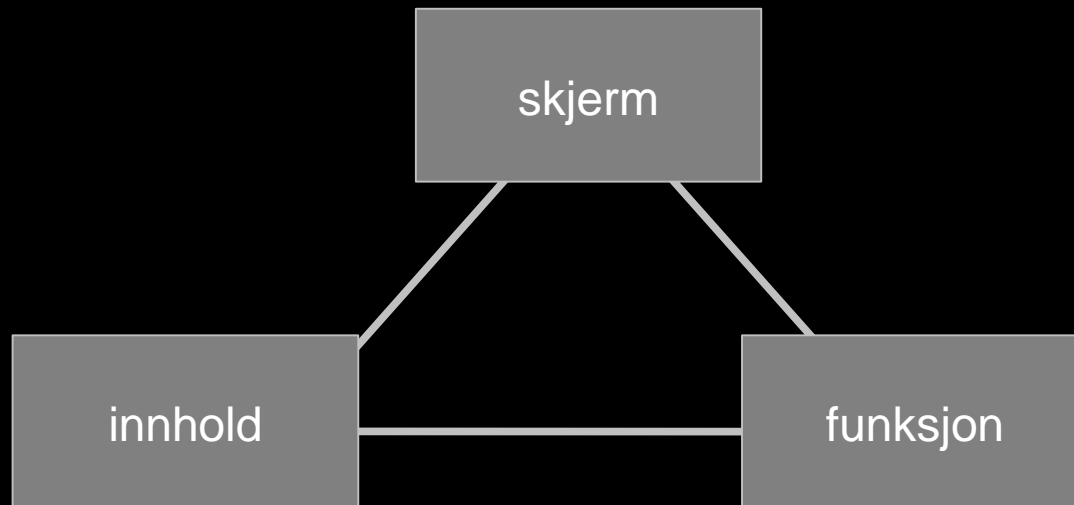


Information storage by Librarians/Archivists

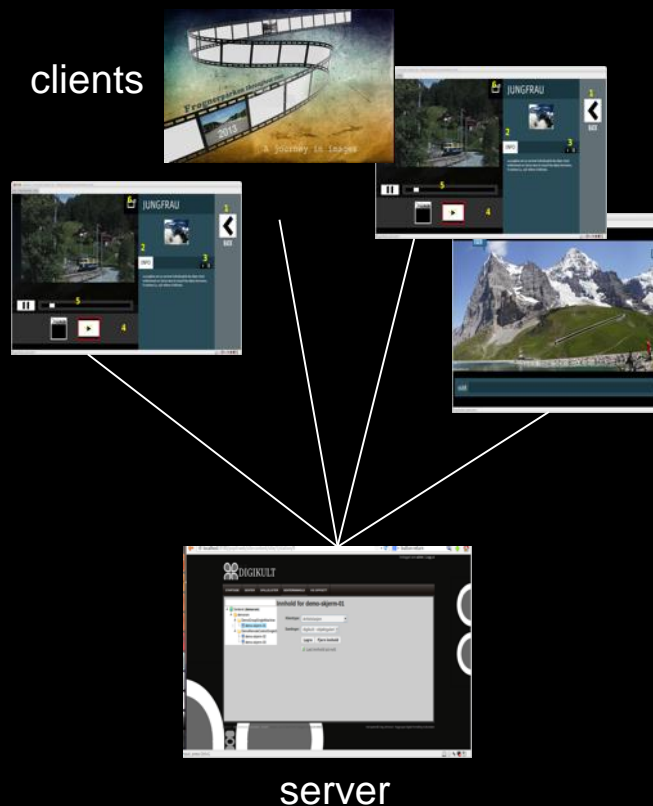


What is DigiKULT

- Software framework to control digital experiences
 - Content and function assigned to one or more «experiences»
 - Infinite number of screens
 - 15 different functions
 - Central information based control server

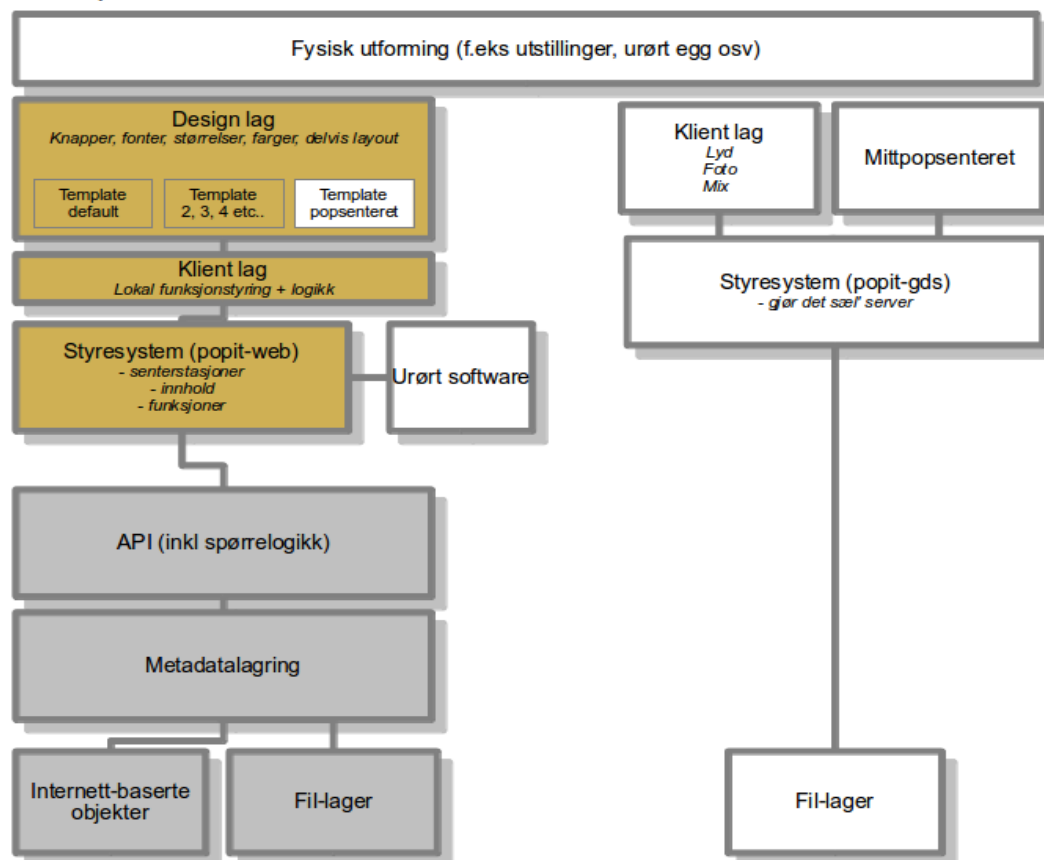





What is DigiKULT

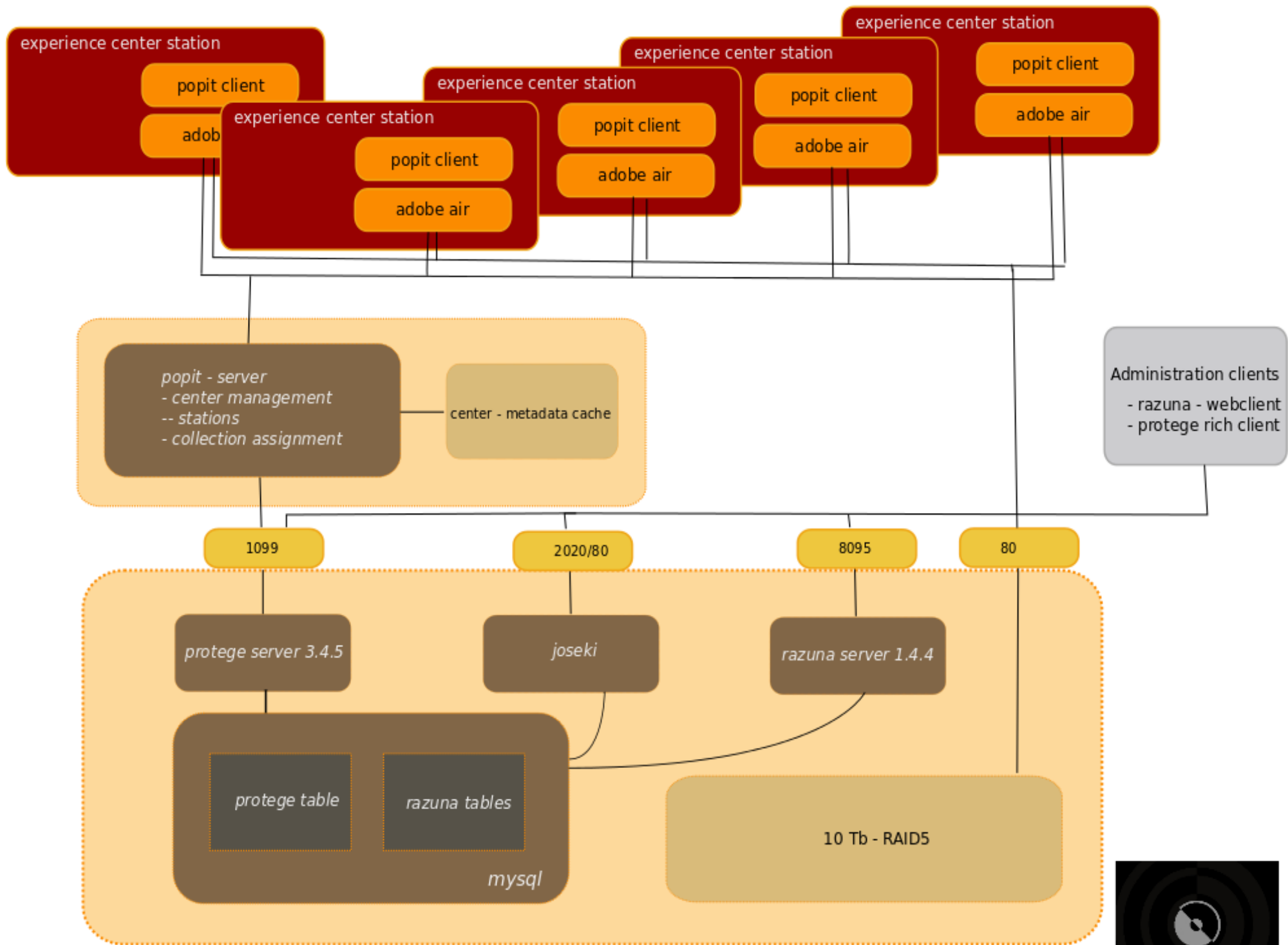


Digikult rammeverk identifisert i dagens POPIT løsning

Forfatter: Robert Engels
Dato: 26.6.2013
Versjon: 3



-  Software/systemer som eies utelukkende av og videreutvikles av Popsenteret selv
-  Software som videreutvikles i fellesskap (Digikult)
-  Open Source som videreutvikles i fellesskap (Open Source communities)



Function 1

Screens and groups



Ingen gruppe



Gruppe 1

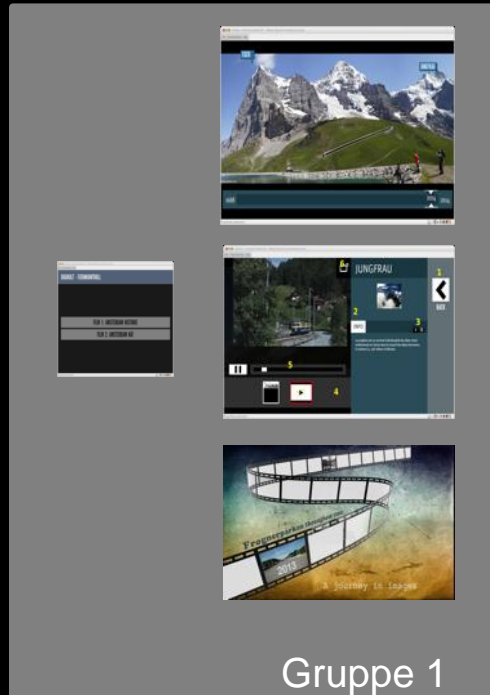


Gruppe 2

Digikult

Function 2

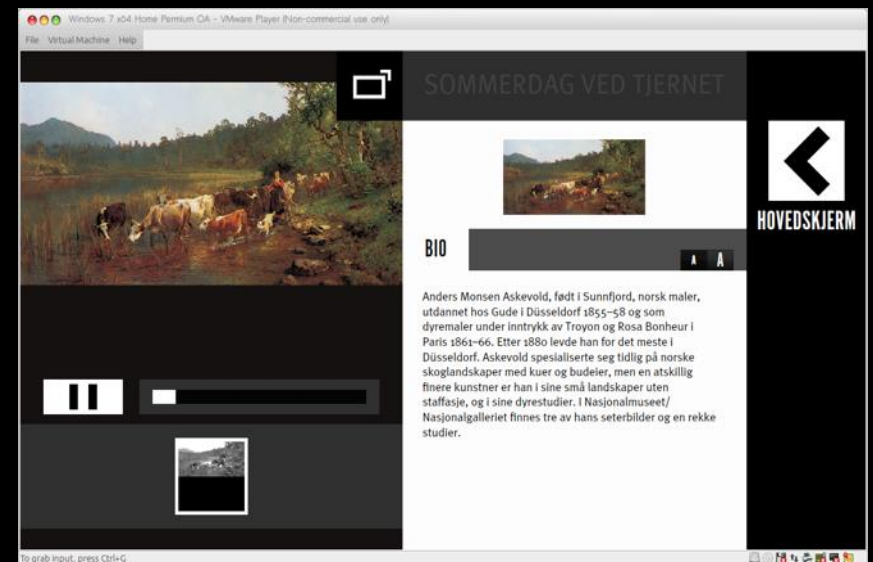
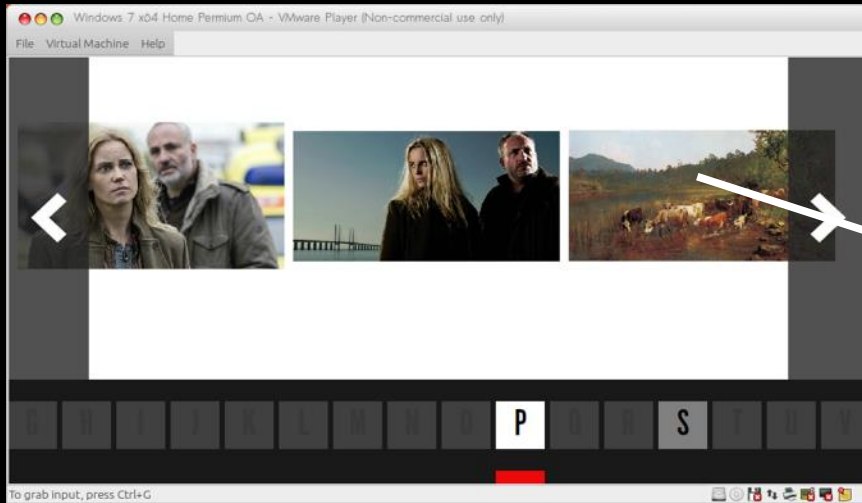
Screen monitoring + remote control



Digikult

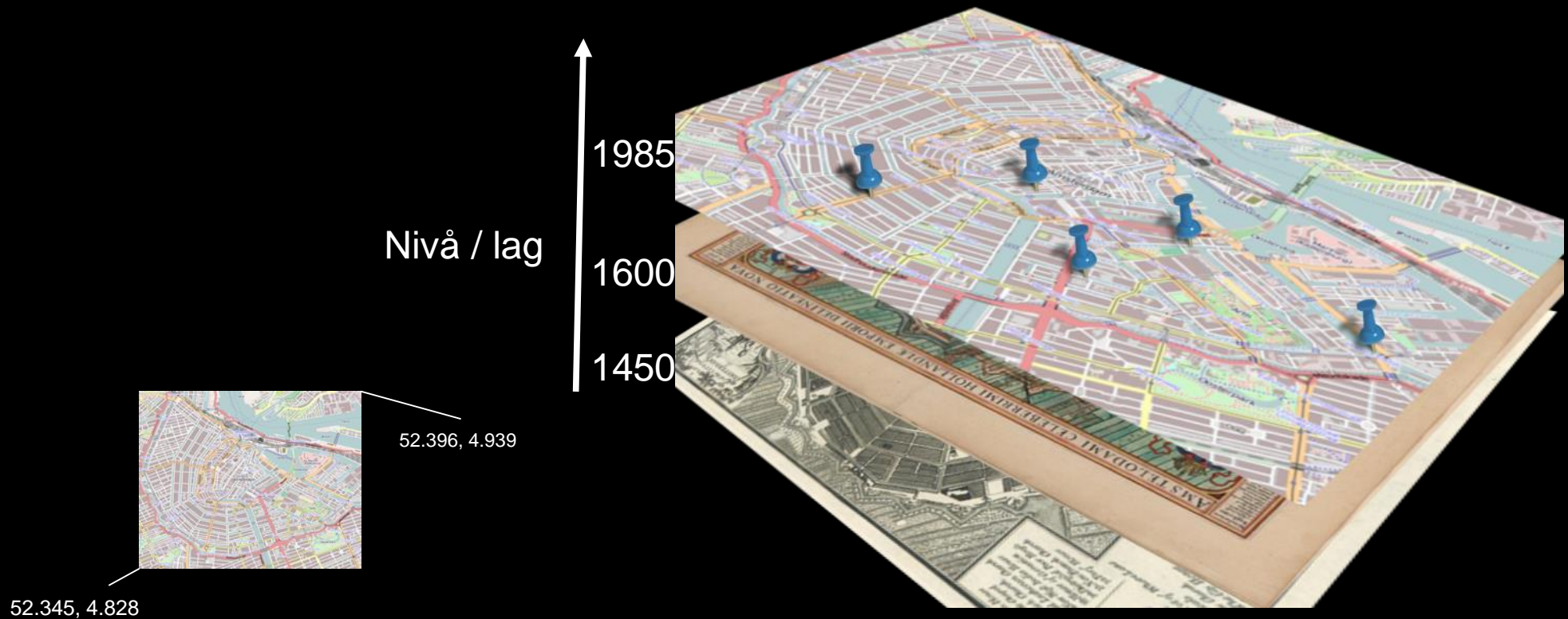
Function 4

Gallery listing /w detail pages

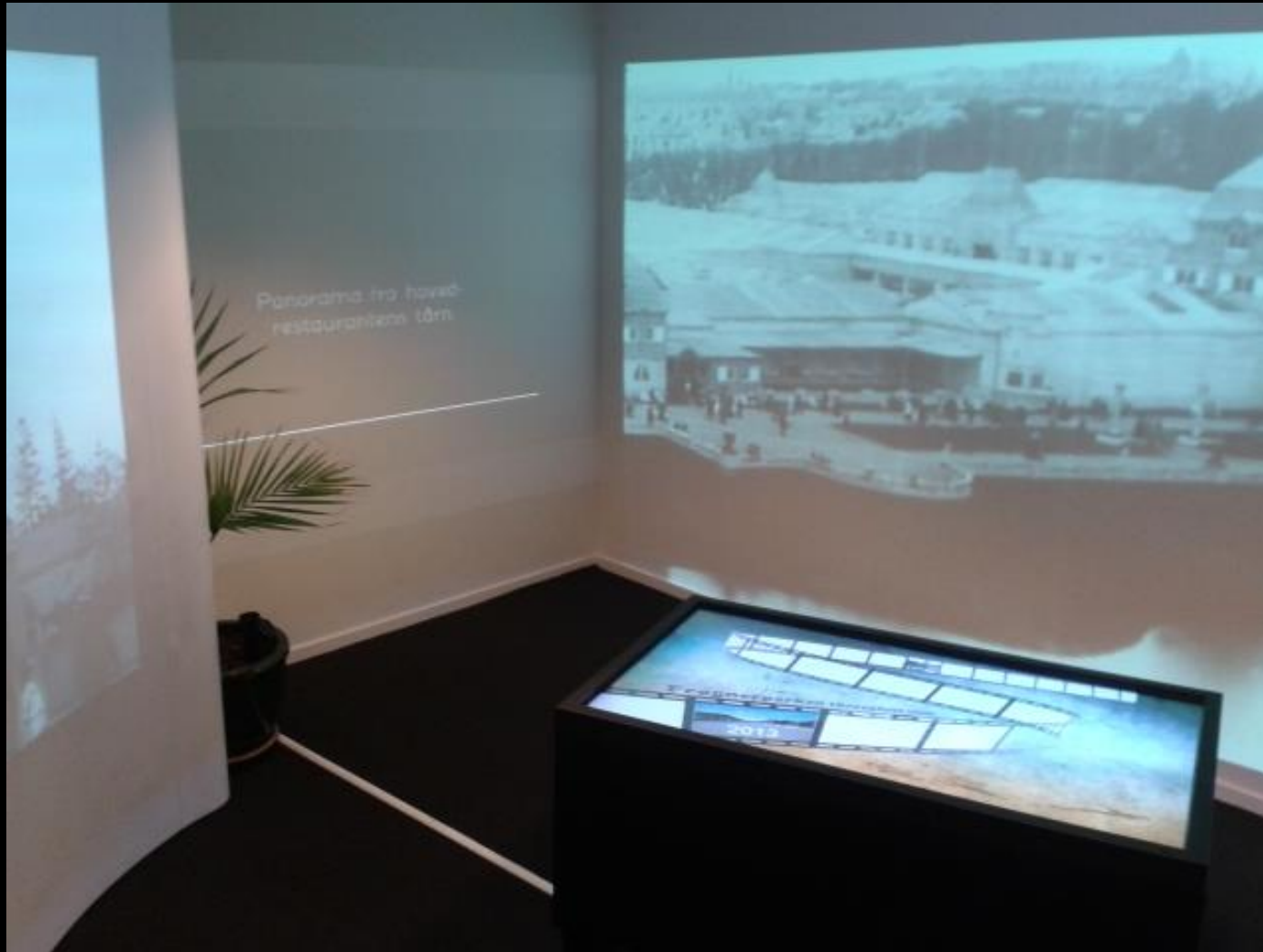


Function 3

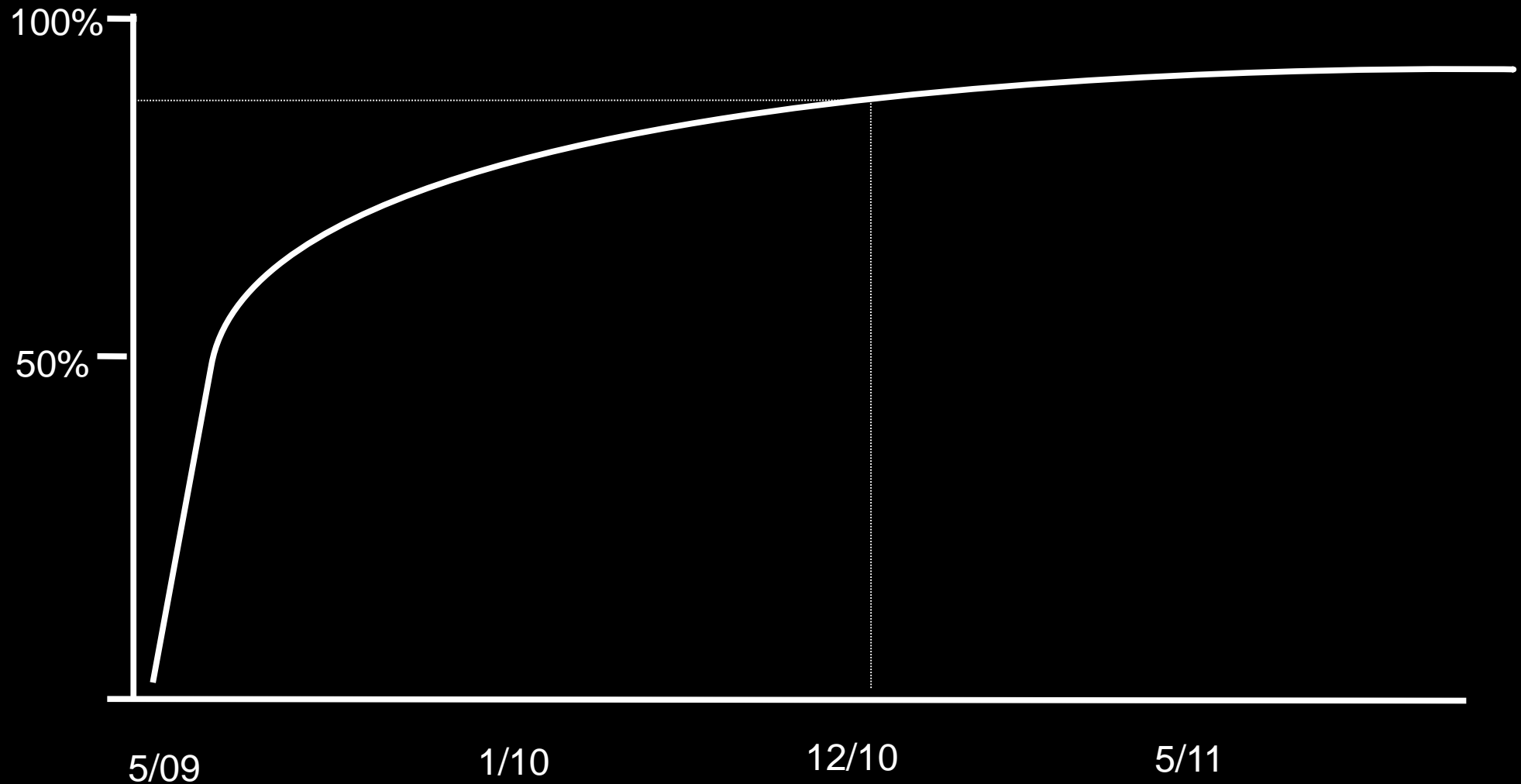
POI overview /w numerical layers



Digikult demolab - demonstration

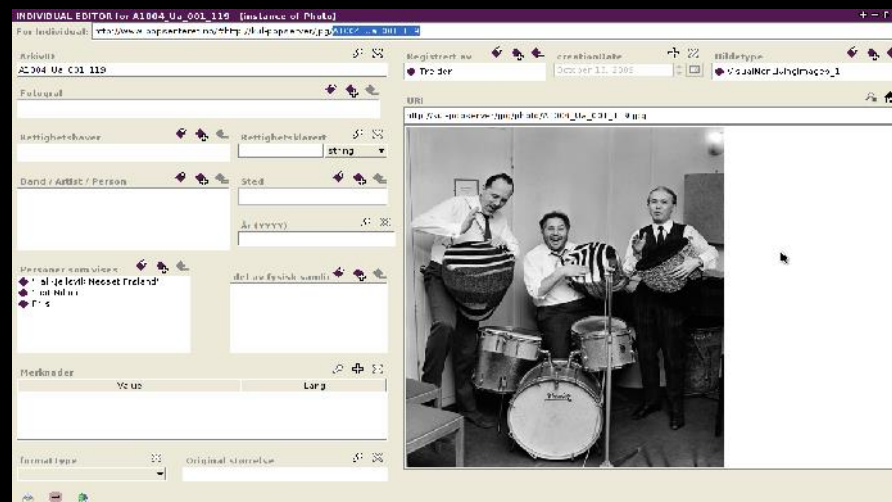


Development Data Model Popsenteret

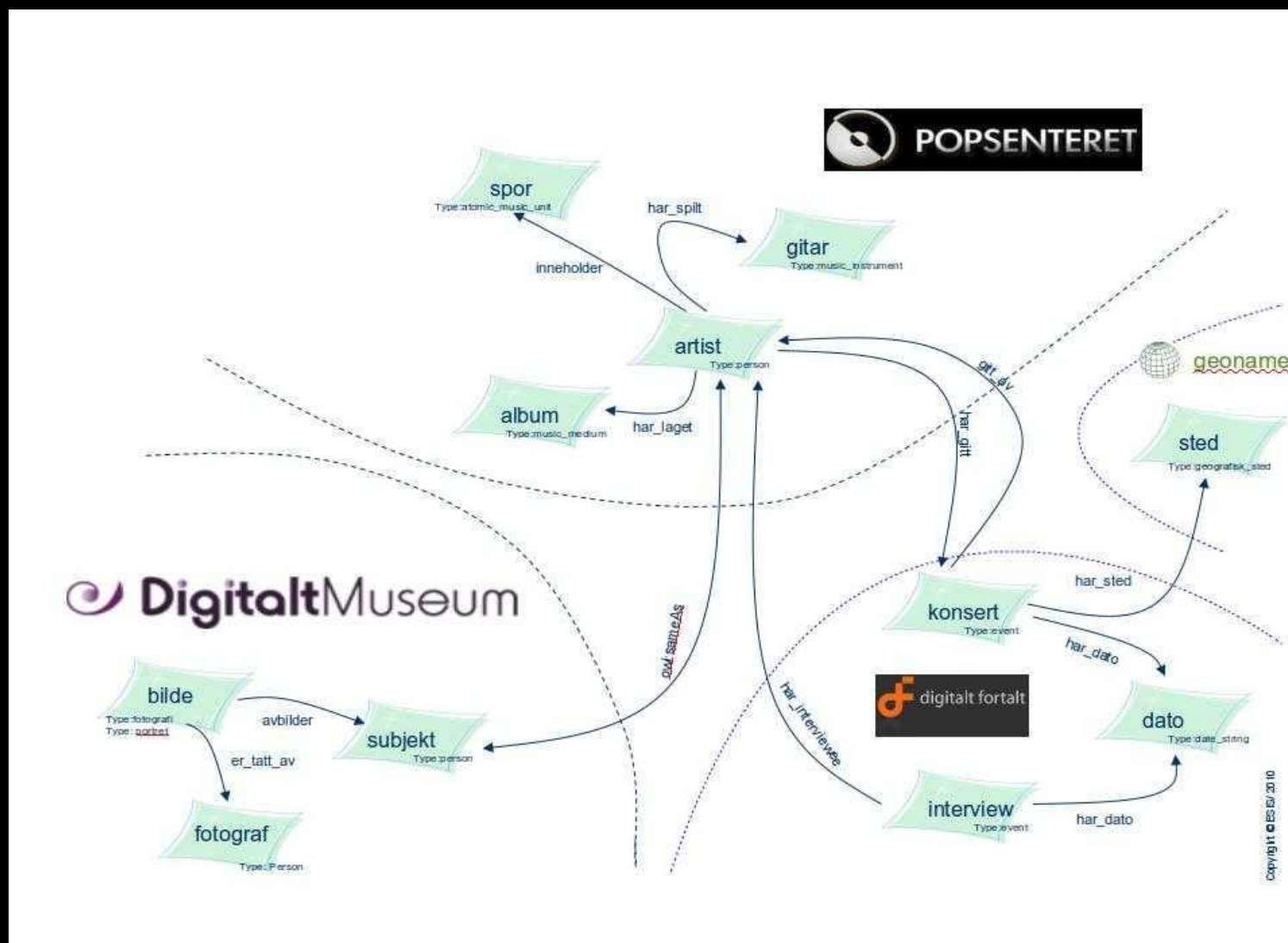


Archivist Tool: Protégé 3.4.7 & Razuna 1.4.4

- What?
 - Protégé
 - Stanford University
- Why?
 - Open Source
 - Open standards
 - Actually: it just does the job



Distributed data models in practice



As of March 2009

A digital archive for Popsenteret



Sluttbrukerstasjoner: proprietære og "åpne" løsninger

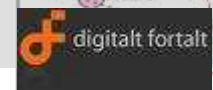
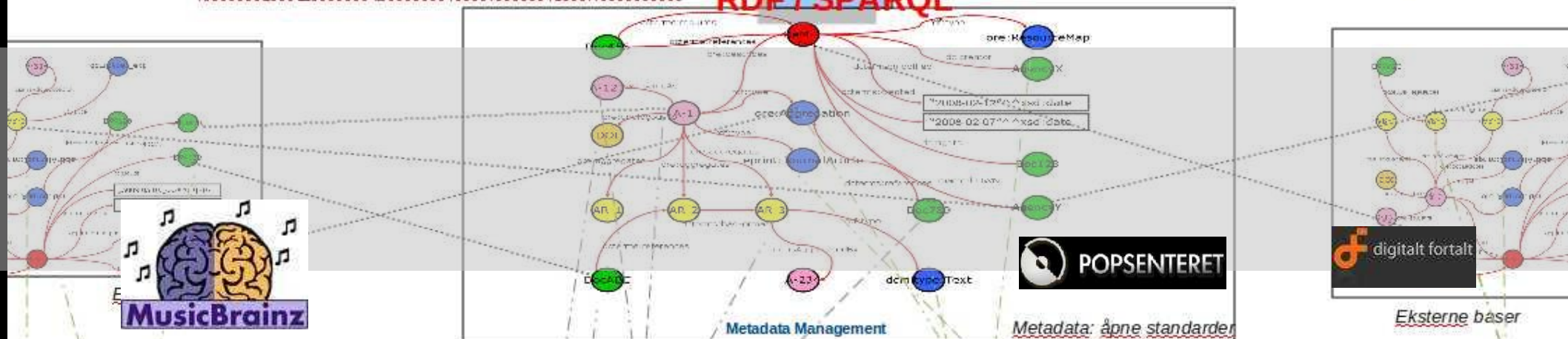


front-office

back-office

Publikasjon gjennom tjenester som bruker åpne standarder

RDF / SPARQL



Metadata Management

Metadata: åpne standarder

Eksterne baser



Asset mgmt: fri programvare



Digital Asset Management



Third Party Assets

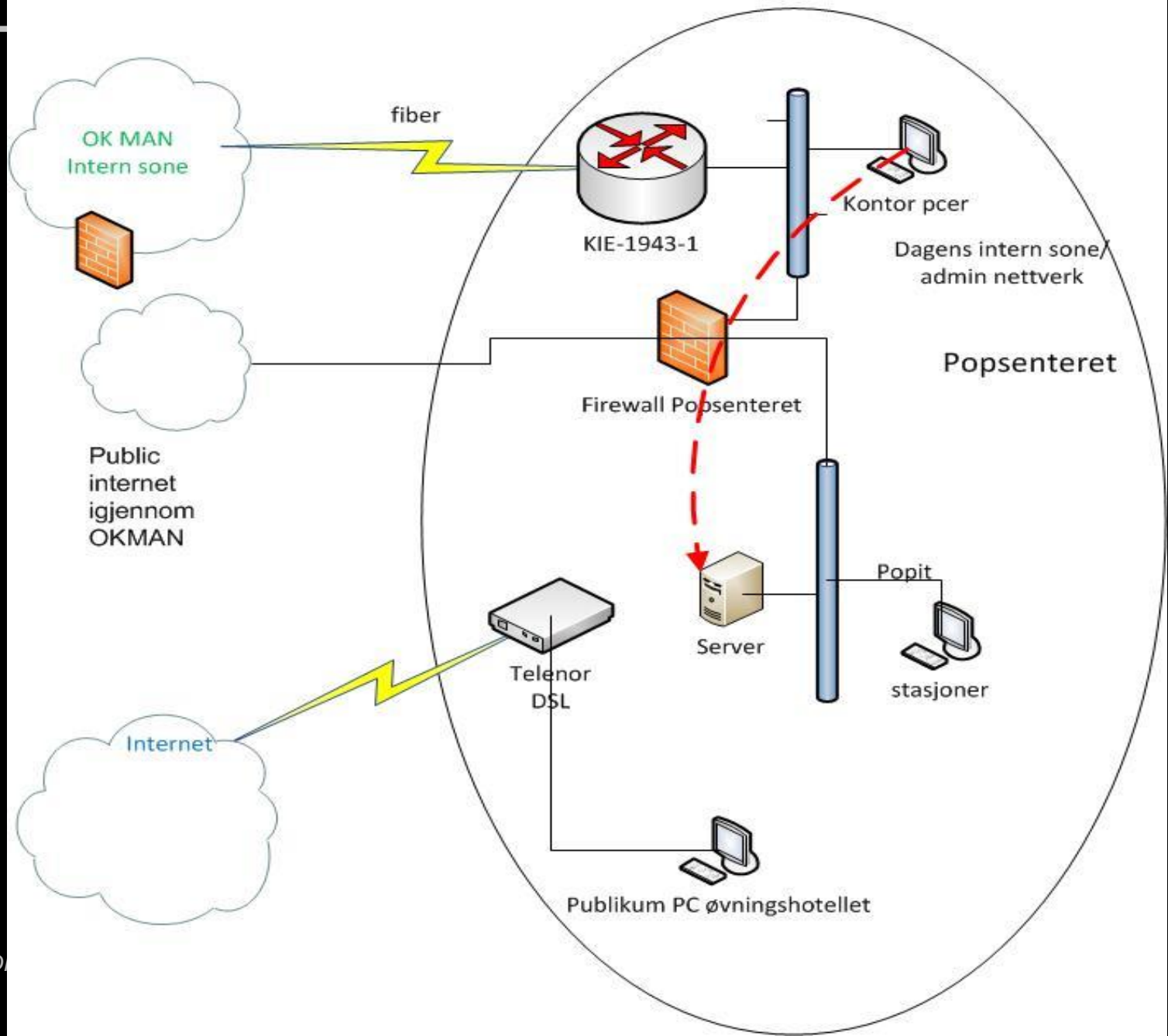
Andre eksterne kilder: LOD basert



Popsenteret

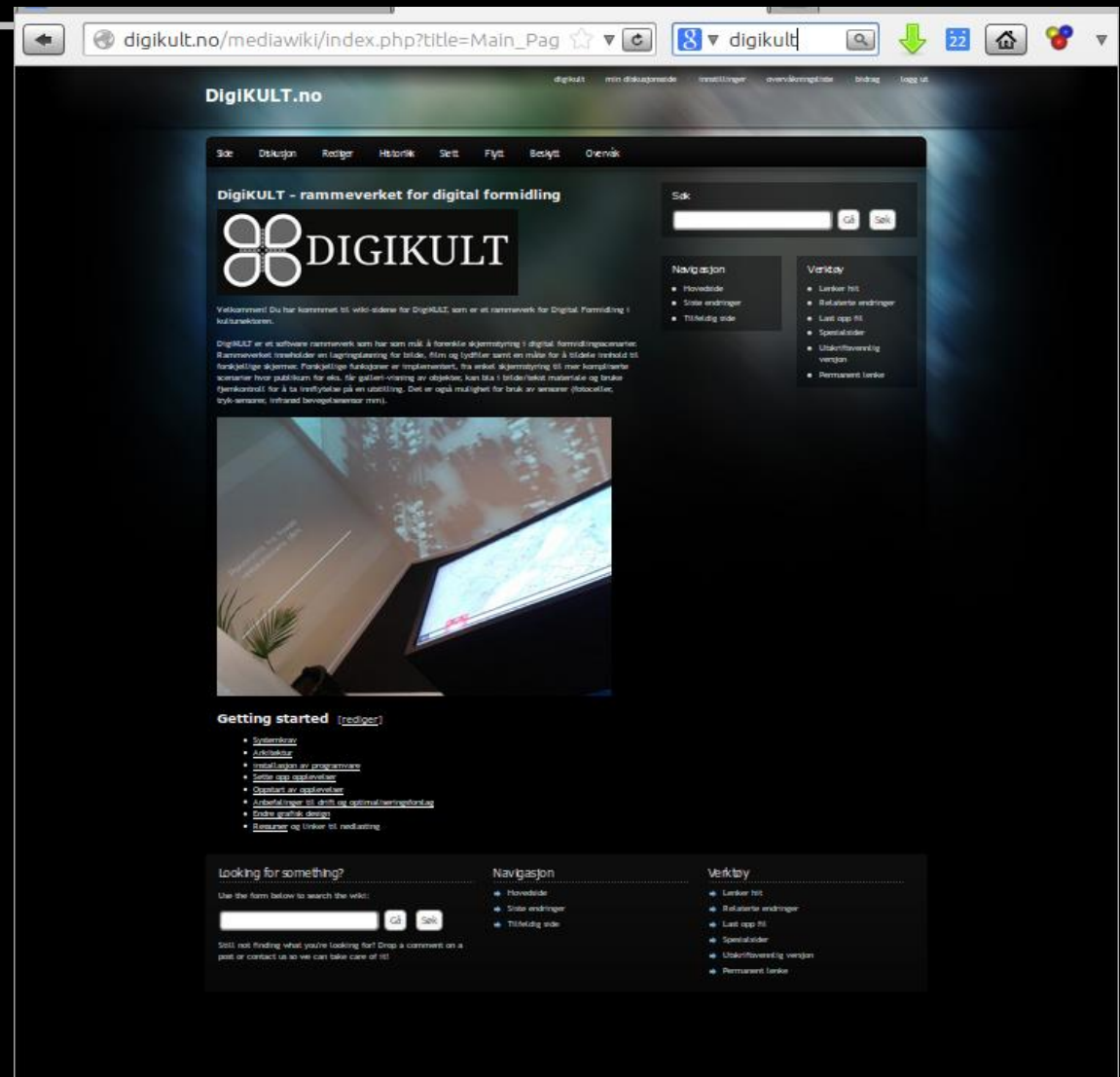
Intern og ny ekstern sone

INFRASTRUCTURE



wiki.digikult.no

- Explanation
- Setup
- Resources
 - Virtual server
 - Client software
 - Links





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Know more?

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